

PROCEEDINGS OF SPIE

14th Conference on Integrated Optics: Sensors, Sensing Structures, and Methods

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Editors

25 February–1 March 2019
Szczyrk, Poland

Cosponsored by
Committee of Electronics and Telecommunication, Polish Academy of Sciences (Poland)

Technical Organizers
Photonics Society of Poland (Poland)
Polish Acoustical Society, Upper Silesian Division (Poland)

Published by
SPIE

Volume 11204

Proceedings of SPIE 0277-786X, V. 11204

SPIE is an international society advancing an interdisciplinary approach to the science and application of light.

14th Conference on Integrated Optics: Sensors, Sensing Structures, and Methods,
edited by Przemyslaw Struk, Tadeusz Pustelny, Proc. of SPIE Vol. 11204, 1120401
© 2019 SPIE · CCC code: 0277-786X/19/\$21 · doi: 10.1117/12.2549347

Proc. of SPIE Vol. 11204 1120401-1

The papers in this volume were part of the technical conference cited on the cover and title page. Papers were selected and subject to review by the editors and conference program committee. Some conference presentations may not be available for publication. Additional papers and presentation recordings may be available online in the SPIE Digital Library at SPIDigitalLibrary.org.

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Please use the following format to cite material from these proceedings:

Author(s), "Title of Paper," in *14th Conference on Integrated Optics: Sensors, Sensing Structures, and Methods*, edited by Przemyslaw Struk, Tadeusz Pustelny, Proceedings of SPIE Vol. 11204 (SPIE, Bellingham, WA, 2019) Seven-digit Article CID Number.

ISSN: 0277-786X
ISSN: 1996-756X (electronic)

ISBN: 9781510631502
ISBN: 9781510631519 (electronic)

Published by

SPIE

P.O. Box 10, Bellingham, Washington 98227-0010 USA
Telephone +1 360 676 3290 (Pacific Time) · Fax +1 360 647 1445
SPIE.org

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Introduction

The 14th Conference on Integrated Optics: Sensors, Sensing Structures, and Methods is the international scientific forum of photonics and modern nanotechnology.

The Integrated Optics (IOS) conference is organized every year since 2004, and in 2019 it was held for the fourteenth time.

IOS19 took place from 25 February to 1 March 2019 in Szczyrk, Poland, in the META Hotel in the Beskidy Mountains in southern Poland in a real wintery scene.

IOS19 was attended by 65 scientists, mainly from Poland, as well as presenters from France, Spain, Australia, Qatar, and the Czech Republic.

The main organizer of the 14th Conference on Integrated Optics: Sensors, Sensing Structures, and Methods was the Photonics Society of Poland in cooperation with SPIE. The technical organizers of the conference were the Upper Silesian Division of the Polish Acoustical Society and the Optoelectronic Department at the Silesian University of Technology in Gliwice (Poland).

The Honorary patronage of the Conference has been taken over by Professor Wiesław Wolinski – Full Member of the Polish Academy of Sciences.

During IOS19 thirty-four oral lectures were held in 8 scientific sessions. In addition, twenty eight posters were presented during the poster session.

The main aim of IOS19 was an exchange of knowledge in the scope of practical applications of photonics, integrated optics, and related scientific areas. The objectives of the conference were accomplished in presentations of experiences in the field of technology and theoretical analysis of optoelectronic sensors and practical applications of sensing structures and systems, as well as on new methods in the field of modern metrology.

IOS19 has contributed to the extension of relations between scientific groups and has enabled the intensification of common cooperation for the development of photonics and integrated optics.

Tadeusz Pustelny

